

Date: Sun, 29 Aug 93 04:30:02 PDT
From: Packet-Radio Mailing List and Newsgroup <packet-radio@ucsd.edu>
Errors-To: Packet-Radio-Errors@UCSD.Edu
Reply-To: Packet-Radio@UCSD.Edu
Precedence: Bulk
Subject: Packet-Radio Digest V93 #254
To: packet-radio

Packet-Radio Digest Sun, 29 Aug 93 Volume 93 : Issue 254

Today's Topics:

 4X1RU REJECT LIST
 Digital Hierarchy
 DRSI TNC - Need Info?
 Guide to the Personal Radio Newsgroups
 KPC-3 to DJ-580
 NOS for Interactive Unix, Where to get
 TheNet version X1J

Send Replies or notes for publication to: <Packet-Radio@UCSD.Edu>

Send subscription requests to: <Packet-Radio-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Packet-Radio Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/packet-radio".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 28 Aug 93 01:54:59 -0400
From: dog.ee.lbl.gov!agate!spool.mu.edu!darwin.sura.net!emory!dragon!nj8j!
ben@network.ucsd.edu
Subject: 4X1RU REJECT LIST
To: packet-radio@ucsd.edu

lkollar@nyx.cs.du.edu (Larry Kollar) writes:

> (The situation
> *is* changing slightly though -- now only the first node to pass a message
> is responsible for its content.)

But this does raise a question - how do the new FCC rules apply where the
originator and first relay are not under FCC jurisdiction? Do 'illegal
content' messages that originate outside the U.S. get a 'free ride'
through the U.S. packet system? Or (more likely) is the 'first relay'

under FCC jurisdiction held responsible? The latter would seem to militate against PBBs with international links relaying messages which are in a language not understood by the sysop.

Ben

```
+-----+
| Ben Coleman NJ8J                | "All that is not eternal is    |
| AX.25:  NJ8J@W4QO.#EAL.#ATL.GA.USA.NA |      eternally irrelevant." |
| Internet: ben@nj8j.atl.ga.us         |                        C. S. Lewis |
+-----+
```

Date: Mon, 16 Aug 93 18:07:23 -0400
From: europa.eng.gtefsd.com!emory!dragon!nj8j!ben@uunet.uu.net
Subject: Digital Hierarchy
To: packet-radio@ucsd.edu

Kenneth.E.Harker@Dartmouth.Edu (Kenneth E. Harker) writes:

```
>      It would seem to me that a sensible solution to the digital
> hierarchy problem would be for someone to start the voting process for
> groups like:
>
> rec.radio.amateur.digital.packet
> rec.radio.amateur.digital.tcpip
> rec.radio.amateur.digital.rtty
> rec.radio.amateur.digital.pactor
> rec.radio.amateur.digital.equipment
>
> etc...
>
> This is the logical hierarchy, and most probably the reason that
> rec.radio.amateur.digital.misc won the vote. This is similar to when
> the rec.ham-radio hierarchy was changed to rec.radio.amateur. It will
> make more sense in the long run. All that is necessary is for the rest
> of the newsgroups to get created.
```

Of course, the question will be (consider this a preview of what the discussion will look like in news.groups when this RFD gets cranking in a few months): is there sufficient traffic to justify the new groups? Obviously, there will be another try at creation of rrad.tcpip. Based on what I've seen recently, rrad.packet will probably be in the running also. But is there really enough RTTY, AMTOR, or PACTOR traffic on here to justify a separate newsgroup for them? In the end, I think they will be left to rrad.misc until enough long-term traffic shows up to justify creating separate groups.

Ben

```
+-----+
| Ben Coleman NJ8J | "All that is not eternal is |
| AX.25: NJ8J@W4QO.#EAL.#ATL.GA.USA.NA | eternally irrelevant." |
| Internet: ben@nj8j.atl.ga.us | C. S. Lewis |
+-----+
```

Date: Sat, 28 Aug 1993 21:15:56 GMT
From: usc!howland.reston.ans.net!darwin.sura.net!gatekeeper.es.dupont.com!
esds01.es.dupont.com!wmvx.dnet.dupont.com!taylorjh@network.ucsd.edu
Subject: DRSI TNC - Need Info?
To: packet-radio@ucsd.edu

Visiting my father this summer in Florida, I saw a DRSI TNC which was a board for the "IBM" (Intel) PC. I wrote the company to try to get more information about it; I am specifically interested in knowing whether or not it has a KISS mode for TCP/IP. Of course, I would also be interested in knowing what its performance is as a TNC.

Hope I can get some help/info here....

73's....

John
- K3ZKA -

John H. Taylor
E. I. DuPont de Nemours & Company, Inc.

Opinions expressed are solely those of the author
and do not represent statements by the DuPont Company

Date: Sat, 28 Aug 1993 15:17:41 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!vixen.cso.uiuc.edu!
moe.ksu.ksu.edu!crcnis1.unl.edu!news.unomaha.edu!news@network.ucsd.edu
Subject: Guide to the Personal Radio Newsgroups
To: packet-radio@ucsd.edu

Posted-By: auto-faq 2.4
Archive-name: radio/personal-intro

Revision: 1.4 06/30/93 12:04:14

Changes: new rec.radio.amateur.* newsgroups, cs.utexas.edu gateway

(Note: The following is reprinted with the permission of the author.
Due to the recent reorganization, it is also on a temporarily-
accelerated posting schedule as follows:

July weekly
August bi-weekly
September back to monthly)

This message describes the rec.radio.amateur.*, rec.radio.cb, rec.radio.info, and rec.radio.swap newsgroups. It is intended to serve as a guide for the new reader on what to find where. Questions and comments may be directed to the author, Jay Maynard, K5ZC, by Internet electronic mail at jmaynard@oac.hsc.uth.tmc.edu. This message was last changed on 30 June 1993 to add the groups created during the latest reorganization vote and the description of the cs.utexas.edu gateway.

History
=====

Way back when, before there was a Usenet, the Internet hosted a mailing list for hams, called (appropriately enough) INFO-HAMS. Ham radio discussions were held on the mailing list, and sent to the mailboxes of those who had signed up for it. When the Usenet software was created, and net news as we now know it was developed, a newsgroup was created for hams: net.ham-radio. The mailing list and the newsgroup were gatewayed together, eventually.

As the net grew, and as packet radio came into vogue, packet discussion began to dominate other topics in the group and on the list. This resulted in the logical solution: a group was created to hold the packet discussion, and another corresponding mailing list was created as well: net.ham-radio.packet and PACKET-RADIO, respectively.

These two groups served for several years, and went through Usenet's Great Renaming essentially unchanged, moving from net.ham-radio[.packet] to rec.ham-radio[.packet]. Readership and volume grew with the rest of the network.

The INFO-HAMS mailing list was originally run from a US Army computer at White Sands Missile Range, SIMTEL20. There were few problems with this arrangement, but one was that the system was not supposed to be used for commercial purposes. Since one of hams' favorite pastimes is swapping gear, it was natural for hams to post messages about equipment for sale to INFO-HAMS/rec.ham-radio. This ran afoul of SIMTEL20's no-commercial-use restriction, and after some argument, a group was created specifically for messages like that: rec.ham-radio.swap. This group wasn't gatewayed to

a mailing list, thus avoiding problems.

While all this was happening, other folks wanted to discuss other aspects of the world of radio than the personal communications services. Those folks created the `rec.radio.shortwave` and `rec.radio.noncomm` newsgroups, and established the precedent of the `rec.radio.*` hierarchy, which in turn reflected Usenet's overall trend toward a hierarchical name structure.

The debate between proponents of a no-code ham radio license and its opponents grew fierce and voluminous in late 1989 and 1990. Eventually, both sides grew weary of the debate, and those who had not been involved even more so. A proposal for a newsgroup dedicated to licensing issues failed. A later proposal was made for a group that would cover the many recurring legal issues discussions. During discussion of the latter proposal, it became clear that it would be desirable to fit the ham radio groups under the `rec.radio.*` hierarchy. A full-blown reorganization was passed by Usenet voters in January 1991, leading to the overall structure we now use.

After the reorganization, more and more regular information postings began to appear, and were spread out across the various groups in `rec.radio.*`. Taking the successful example of the `news.answers` group, where informational postings from across the net are sent, the group `rec.radio.info` was created in December, 1992, with Mark Salyzyn, VE6MGS, initially serving as moderator.

In January, 1993, many users started complaining about the volume in `rec.radio.amateur.misc`. This led to a discussion about a second reorganization, which sparked the creation of a mailing list by Ian Kluft, KD6EUI. This list, which was eventually joined by many of the most prolific posters to the ham radio groups, came up with a proposal to add 11 groups to the `rec.radio.amateur` hierarchy in April 1993. The subsequent vote, held in May and early June, approved the creation of five groups: `rec.radio.amateur.digital.misc` (to replace `.packet`), `.equipment`, `.homebrew`, `.antenna`, and `.space`.

The Current Groups

=====

I can hear you asking, "OK, so this is all neat history, but what does it have to do with me now?" The answer is that the history of each group has a direct bearing on what the group is used for, and what's considered appropriate where.

The easy one is `rec.radio.amateur.misc`. It is what `rec.ham-radio` was renamed to during the reorganization. Any message that's not more appropriate in one of the other groups belongs here, from contesting to DX to ragchewing on VHF to information on becoming a ham.

The group `rec.radio.amateur.digital.misc` is for discussions related to

(surprise!) digital amateur radio. This doesn't have to be the common two-meter AX.25 variety of packet radio, either; some of the most knowledgeable folks in radio digital communications can be found here, and anything in the general area is welcome. The name was changed to emphasize this, and to encourage discussion not only of other text-based digital modes, such as AMTOR, RTTY, and Clover, but things like digital voice and video as well. The former group, `rec.radio.amateur.packet`, has not been removed as of this writing, but it is obsolete, and you should use `.digital.misc` instead. The group has the `.misc` as part of the name to allow further specialization if the users wish it, such as `.digital.tcp-ip`.

The swap group is now `rec.radio.swap`. This recognizes a fact that became evident shortly after the original group was formed: Hams don't just swap ham radio gear, and other folks besides hams swap ham equipment. If you have radio equipment, or test gear, or computer stuff that hams would be interested in, here's the place. Equipment wanted postings belong here too. Discussions about the equipment generally don't; if you wish to discuss a particular posting with the buyer, email is a much better way to do it, and the other groups, especially `.equipment` and `.homebrew`, are the place for public discussions. There is now a regular posting with information on how to go about buying and selling items in `rec.radio.swap`; please refer to it before you post there.

The first reorganization added two groups to the list, one of which is `rec.radio.amateur.policy`. This group was created as a place for all the discussions that seem to drag on interminably about the many rules, regulations, legalities, and policies that surround amateur radio, both existing and proposed. The neverending no-code debate goes here, as does the New Jersey scanner law, the legality of ordering a pizza on the autopatch, what a bunch of rotten no-goodniks the local frequency coordinating body is, and so on.

The other added group is `rec.radio.cb`. This is the place for all discussion about the Citizens' Band radio service. Such discussions have been very inflammatory in `rec.ham-radio` in the past; please do not cross-post to both `rec.radio.cb` and `rec.radio.amateur.*` unless the topic is genuinely of interest to both hams and CBers - and very few topics are.

The `rec.radio.info` group is just what its name implies: it's the place where informational messages from across `rec.radio.*` may be found, regardless of where else they're posted. As of this writing, information posted to the group includes Cary Oler's daily solar propagation bulletins, ARRL bulletins, the Frequently Asked Questions files for the various groups, and radio modification instructions. This group is moderated, so you cannot post to it directly; if you try, even if your message is crossposted to one of the other groups, your message will be mailed to the moderator, who is currently Mark Salyzyn, VE6MGS. The email address for submissions to the group is `rec-radio-info@ve6mgs.ampr.ab.ca`. Inquires and other administivia should be directed to `rec-radio-request@ve6mgs.ampr.ab.ca`. For more information about

rec.radio.info, consult the introduction and posting guidelines that are regularly posted to that newsgroup.

The groups rec.radio.amateur.antenna, .equipment, .homebrew, and .space are for more specialized areas of ham radio: discussions about antennas, commercially-made equipment, homebrewing, and amateur radio space operations. The .equipment group is not the place for buying or selling equipment; that's what rec.radio.swap is for. Similarly, the .space group is specifically about amateur radio in space, such as the OSCAR program and SAREX, the Shuttle Amateur Radio EXperiment; other groups cover other aspects of satellites and space. Homebrewing isn't about making your own alcoholic beverages at home (that's rec.crafts.brewing), but rather construction of radio and electronic equipment by the amateur experimenter.

The rec.radio.amateur.misc, .packet, and .policy groups, and the rec.radio.info group, are available by Internet electronic mail in digest format; send a mail message containing "help" on a line by itself to listserv@ucsd.edu for instructions on how to use the mail server. The rec.radio.swap group is not available for reading by electronic mail. At this writing, the most recently added groups are also not available for reading by electronic mail, although that may change.

All of the groups can be posted to by electronic mail, though, by using a gateway at the University of Texas at Austin. To post a message this way, change the name of the group you wish to post to by replacing all of the '.'s with '-'s - for example, rec.radio.swap becomes rec-radio-swap - and send to that name@cs.utexas.edu (rec-radio-swap@cs.utexas.edu, for example). You may crosspost by including multiple addresses as Cc: entries (but see below). This gateway's continued availability is at the pleasure of the admins at UT-Austin, and is subject to going away at any time - and especially if forgeries and other net.abuses become a problem. You have been warned.

A Few Words on Crossposting

=====

Please do not crosspost messages to two or more groups unless there is genuine interest in both groups in the topic being discussed, and when you do, please include a header line of the form "Followup-To: group.name" in your article's headers (before the first blank line). This will cause followups to your article to go to the group listed in the Followup-To: line. If you wish to have replies to go to you by email, rather than be posted, use the word "poster" instead of the name of a group. Such a line appears in the headers of this article.

One of the few examples of productive cross-posting is with the rec.radio.info newsgroup. To provide a filtered presentation of information articles, while still maintaining visibility in their home newsgroups, the moderator strongly encourages cross-posting. All information articles should be submitted to the

rec.radio.info moderator so that he may simultaneously cross-post your information to the appropriate newsgroups. Most newsreaders will only present the article once, and network bandwidth is conserved since only one article is propagated. If you make regular informational postings, and have made arrangements with the moderator to post directly to the group, please cross-post as appropriate.

--

Jay Maynard, EMT-P, K5ZC, PP-ASEL | Never ascribe to malice that which can
jmaynard@oac.hsc.uth.tmc.edu | adequately be explained by stupidity.

"If my car ran OS/2, it'd be there by now" -- bumper sticker

GCS d++ p+ c++ l+ m+/- s/++ g++ w++ t+ r

--

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

Celebrating 60 years of the Univ. of Maryland ARA - W3EAX (1933-1993)

Date: Sat, 28 Aug 1993 23:26:00 GMT

From: dog.ee.lbl.gov!agate!spool.mu.edu!bloom-beacon.mit.edu!news.kei.com!ub!
acsu.buffalo.edu!ubvms.cc.buffalo.edu!v242z3j9@network.ucsd.edu

Subject: KPC-3 to DJ-580

To: packet-radio@ucsd.edu

Tonight I made the cable that goes between the Kantronics KPC-3 and the Alinco DJ-580.... I followed the Yaesu skematic, but unfortunately when I tested it out, PTT was always on :(According to the skematic, a 2.2k ohm resister is used... Is that the problem? Should I use a different resister? 3.9k ohm? Other than that the cable works... It tx's and rx's (if I remove the Mic plug)... TKS for the help...

Date: Sun, 29 Aug 1993 05:33:03 GMT

From: sytex!jim@uunet.uu.net

Subject: NOS for Interactive Unix, Where to get

To: packet-radio@ucsd.edu

Does anyone know where (if?) the version of nos (ka9q) for interactive unix, mentioned by Ian Wade in his appendix 1 for NOSIntro is available for ftp?

Thanks,

jim

jim@sytex.com (Jim Arnold)

Access <=> Internet BBS, a public access internet site

Sytex Communications, Arlington VA, 1-703-528-4380

-- Internet Access for the rest of us...

Date: Fri, 27 Aug 1993 18:02:36 +0000

From: pipex!ibmpcug!demon!llondel.demon.co.uk!dave@uunet.uu.net

Subject: TheNet version X1J

To: packet-radio@ucsd.edu

Comment just received from the author on the subject:

>From Dave Roberts

>

>By kind offices of Dave Hough

>

>Ref Beta test copy of thenet x-1j

>

>-----

>

>The released version of X-1J is now out. It differs from the beta test
>version in that a number of bugs in the patcher, and two bugs in the
>code itself were fixed. In addition, the deviation meter circuit changed
>as well as the documentation.

>

>It was not the intention that the beta test version should be generally
>available. It *was* a genuine beta test so it looked and smelt like the
>final product, as it was designed to test the whole package; documentation,
>support, tools and code.

>

>If you have a copy of the beta test version, please delete it and
>replace it with the released copy. If this is not done, then I will
>need to do a new version just to distinguish the real release from
>the beta test !. Please make sure anyone you think might have a beta
>copy gets a copy of this message.

>

>To identify which version you have, the following may be used :

>

>Beta test : Has a file called 'readthis.now' that identifies it as beta,
> and also explains the errors in the readme.txt file with
> regard to *.doc and *.txt files.

>

>release : The 'readme.txt' file correctly identifies the files on the

> disk as *.doc and *.txt, and describes them.
>
>I apologise for this - does anyone have any good ideas on how to run
>a beta test without copies leaking out ? I tried, honest !.
>
>Dave Roberts
>G8KBB
>
>P.S. Another way to eradicate copies of the beta is to use natural
>selection, in the Darwinian sense. Please feel free to upload copies
>of the real version to any hosts or BBSes you feel fit - perhaps the
>beta can be made to simply die out.

Dave

```
*****
* G4WRW @ GB7WRW.#41.GBR.EU AX25      * Start at the beginning. Go on *
* dave@llondel.demon.co.uk Internet * until the end. Then stop. *
* g4w1w@g4w1w.ampr.org Amprnet * (the king to the white rabbit) *
*****
```

End of Packet-Radio Digest V93 #254
